

Date of Report: 10/30/2022

BURNED-AREA REPORT
(Reference FSH 2509.13)

PART I - TYPE OF REQUEST

A. Type of Report

- ☐ 1. Funding request for estimated emergency stabilization funds
- ☐ 2. Accomplishment Report
- ☒ 3. No Treatment Recommendation

B. Type of Action

- ☐ 1. Initial Request (Best estimate of funds needed to complete eligible stabilization measures)
- ☐ 2. Interim Report #____.
 - ☐ Updating the initial funding request based on more accurate site data or design analysis
 - ☐ Status of accomplishments to date
- ☐ 3. Final Report (Following completion of work)

PART II - BURNED-AREA DESCRIPTION

A. Fire Name: Siouxon Fire

B. Fire Number: WA-GPF-001208

C. State: WA

D. County: Clark

E. Region: 6

F. Forest: Gifford Pinchot NF

G. District: Mount Adams

H. Fire Incident Job Code:

I. Date Fire Started: 9/22/2022

J. Date Fire Contained: Estimated 11/15/2022

K. Suppression Cost: Unknown

L. Fire Suppression Damages Repaired with Suppression Funds

- 1. Fireline waterbarred (miles):
- 2. Fireline seeded (miles):
- 3. Other (identify):

M. Watershed Numbers: Middle Lewis River 1708000204

N. Total Acres Burned:

[2,539] NFS Acres [0] Other Federal [0] State [0] Private

O. Vegetation Types: *Abies amabilis* (pacific silver fir) vegetation zone, and some of the lower elevation areas are within the *Tsuga heterophylla* (western hemlock) zone

P. Dominant Soils: Soils are derived from volcanic ash deposits and colluvial deposits from weathered bedrock of volcanic sediments, tuffs, and breccia.

Q. Geologic Types:

Geologic history in the burned area (USGS Geologic Map i2005, 1993) is shown in volcanic flows of Tertiary andesites, basalts, and pyroclastic flows. More recent events are shown in Quaternary flows of andesite and basalt. Some steep slopes are prone to landslides from weakened pyroclastic and basalt bedrock.

R. Miles of Stream Channels by Order or Class:

S. Transportation System:

PART III - WATERSHED CONDITION

A. Burn Severity (acres): A BARC map was not acquired. From field reconnaissance, most of the fire area was low burn severity, with small pockets of moderate to high severities (mostly where past juniper thinning left tree boles on the ground).

B. Water-Repellent Soil (acres): None

C. Soil Erosion Hazard Rating (acres): Most of the fire area (**low**) None (**moderate**) None (**high**)

D. Erosion Potential: Background levels (**tons/acre**)

E. Sediment Potential: Background levels (**cubic yards / square mile**)

PART IV - HYDROLOGIC DESIGN FACTORS –

Not Applicable

A. Estimated Vegetative Recovery Period, (years):

B. Design Chance of Success, (percent):

C. Equivalent Design Recurrence Interval, (years):

D. Design Storm Duration, (hours):

E. Design Storm Magnitude, (inches):

F. Design Flow, (cubic feet / second/ square mile):

G. Estimated Reduction in Infiltration, (percent):

H. Adjusted Design Flow, (cfs per square mile):

PART V - SUMMARY OF ANALYSIS

A. Describe Critical Values/Resources and Threats (narrative):

The following is a brief summary of the values within and along the fire area as well as the rationale for whether or not a threat exists.

- Property (roads, culverts) – There are a few adjacent and interior roads. There are no threats to these assets due to low gradient slopes, low burn severities, and small contributing drainage areas that were burned.
- Naturalized Vegetative Communities – Adjacent weed populations within and adjacent to the fire threaten native plant communities. There are no large contiguous areas of moderate/high burn severity adjacent to existing weed populations to justify treatment.
- Natural and Cultural Resources – Historic sites present, but low fire severity is not expected to result in erosion or mobilization of artifacts. Looting is not anticipated either.
- Human Life and Safety – There are no designated trail heads or camp sites within or immediately adjacent to the fire. Hazard trees have been identified and mitigated through suppression related activities. No unacceptable threats to human life posed by post-fire conditions were identified.

B. Emergency Treatment Objectives (narrative): No treatments identified.

C. Probability of Completing Treatment Prior to Damaging Storm or Event:

Land Channel Roads/Trails Protection/Safety

D. Probability of Treatment Success

	Years after Treatment		
	1	3	5
Land			
Channel			
Roads/Trails			

Protection/Safety			

E. Cost of No-Action (Including Loss):

F. Cost of Selected Alternative (Including Loss):

G. Skills Represented on Burned-Area Survey Team:

<input checked="" type="checkbox"/> Hydrology	<input checked="" type="checkbox"/> Soils	<input type="checkbox"/> Geology	<input type="checkbox"/> Range
<input type="checkbox"/> Forestry	<input type="checkbox"/> Wildlife	<input type="checkbox"/> Fire Mgmt.	<input type="checkbox"/> Engineering
<input type="checkbox"/> Contracting	<input type="checkbox"/> Ecology	<input checked="" type="checkbox"/> Botany	<input checked="" type="checkbox"/> Archaeology
<input checked="" type="checkbox"/> Fisheries	<input type="checkbox"/> Research	<input type="checkbox"/> Landscape Arch	<input type="checkbox"/> GIS

Team Leaders: J.D. Jones, Gifford Pinchot NF

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H. Treatment Narrative:

(Describe the emergency treatments, where and how they will be applied, and what they are intended to do. This information helps to determine qualifying treatments for the appropriate funding authorities. For seeding treatments, include species, application rates and species selection rationale.)

No Treatments recommended

Part VI –Emergency Stabilization Treatments and Source of Funds

			NFS Lands				Other Lands				All
		Unit	# of		Other		# of	Fed	# of	on Fe	Total
Line Items	Units	Cost	Units	BAER \$	\$		units	\$	Units	\$	\$
A. Land Treatments											
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Land Treatments				\$0	\$0			\$0		\$0	\$0
B. Channel Treatments											
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Channel Treat.				\$0	\$0			\$0		\$0	\$0
C. Road and Trails											
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
				\$0							\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Road & Trails				\$0	\$0			\$0		\$0	\$0
D. Protection/Safety											
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
				\$0	\$0			\$0		\$0	\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Structures				\$0	\$0			\$0		\$0	\$0
E. BAER Evaluation				\$1,000							
								\$0		\$0	\$0
Insert new items above this line!				---	\$0			\$0		\$0	\$0
Subtotal Evaluation				---	\$0			\$0		\$0	\$0
F. Monitoring											
				\$0	\$0			\$0		\$0	\$0
Insert new items above this line!				\$0	\$0			\$0		\$0	\$0
Subtotal Monitoring				\$0	\$0			\$0		\$0	\$0
G. Totals				\$0	\$0			\$0		\$0	\$0

PART VII - APPROVALS

1. _____
Forest Supervisor (signature)

Date

2. _____
Regional Forester (signature)

Date